

SET TIME

Set the correct time by pulling the rear panel knob out and turning it clockwise.

SET ALARM

Push the rear panel knob in and turn it clockwise to the time you want to wake up.

FUNCTION SELECTOR

OFF - Radio off.

ON - Radio on.

AUTO - Wake up to radio.

ALARM - Wake up to radio, alarm will sound approximately 10 minutes after radio comes on.

SLEEP TO MUSIC

Turn the Function Selector to AUTO or ALARM (for wake up) or to OFF. Set the Timer Control for up to 60 minutes of music. At the end of the time you set, the radio will turn itself off.

RADIO (Manual)

Turn Function Selector to ON. Use SELECT switch to choose AM or FM. Tune desired station. Adjust VOLUME and TONE. To turn radio off, turn Function Selector to OFF.

WAKE TO MUSIC

Set the alarm to the time you want to get up. Find the station you want, set the Volume and Tone. Turn the Function Selector to AUTO.

In the morning turn the Function Selector to OFF to silence the radio, or ON for continued operation. If you leave the switch at AUTO, the radio will turn itself off in an hour and be ready to wake you again the next morning.

WAKE TO MUSIC AND ALARM

Follow procedure above, but set Function Selector to ALARM. The alarm will sound approximately 10 minutes after the radio comes on. To silence the alarm turn the Function Control to any other position.

SNOOZE BAR

After the alarm has gone off, you can sleep an extra 10 minutes by pressing the Snooze Bar. At the end of 10 minutes the alarm will sound again. This can be repeated up to an hour, at which time, the alarm will no longer sound.

ANTENNA

The built-in antennas should be adequate in most areas. If FM reception is weak, connect any 300 ohm antenna to the rear panel terminals. Your Radio Shack salesman is familiar with reception conditions in your area. He can advise you on how to solve your problem.

CAUTION: This radio is designed exclusively for AC operation. Do not operate it on a DC power source.

Use lemon oil to polish the case. Wax will give a glossier finish but may cause a built-up. Use a soft, damp cloth to clean metal and plastic parts. Do NOT use solvents or abrasives.

Chronomatic 7
(120-1457)

Specifications

Faxback Doc. # 18920

AM BAND

	NOMINAL	LIMIT		NOMINAL	LIMIT
Frequency range (kHz)	525~1650	540~1605	S/N ratio at 1000 microV/m		
IF frequency (kHz)	455		at 600 kHz (dB)	22	18
Maximum Sensitivity for 50mW output at 600 kHz (microV/m)	230	450	at 1000 kHz (dB)	23	19
at 1000 kHz	200	400	at 1400 kHz (dB)		
at 1400 kHz (microV/m)	200	400	Image Rejection at 1400 kHz (dB)	38	32
IF rejection at 600 kHz (dB)	30	24	Maximum power output at 1000 kHz (5 mV/m input) (mw)	430	350

FM BAND

	NOMINAL	LIMIT		NOMINAL	LIMIT
Frequency Range (MHz)	87~109	88~108	If rejection at 88 MHz (dB)	65	35
IF frequency (MHz)	10.7	-	Image rejection at 108 MHz (dB)	28	20
Maximum sensitivity for 50mW output at 88 MHz (microV/300 ohm)	25	50	Audio fidelity at 98 MHz at 200 Hz (dB)	-2	-
at 98 MHz (microV 300 ohm)	25	50	at 7000 Hz (dB)	-2	-
at 108 MHz (microV 300 ohm)	25	50	Distortion at 98 MHz 250 microV/300 input		
S/N ratio at					

50 microV/300			30% MOD. (22.5		
300 ohm input			kHz devi.) (%)	3	7
at 88 MHz	41	35	100% MOD.	4	10
(dB)			(75 kHz devi.) (%)		
at 98 MHz	41	35	Distortion at 98 MHz		
(dB)			100 mV/300 input		
at 108 MHz	41	35	30% MOD. 50 mW	3	10
(dB)			output(%)		

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LN-03/04